ENGLISH

B2050 User Guide

Please read this manual carefully before operating your mobile phone.
Retain it for future reference.

$C\mathcal{E}$ 0168

T··Mobile··

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Disposal of your old appliance

All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.

B2050 User Guide

ENGLISH

Introduction

Congratulations on your purchase of the advanced and compact B2050 mobile phone, designed to operate with the latest digital mobile communication technology.

This user guide contains important information on the use and operation of this phone. Please read all the information carefully for optimal performance and to prevent any damage to or misuse of the phone. Any changes or modifications not expressly approved in this user's guide could void your warranty for this equipment.

Guidelines for safe and efficient use

Read these simple guidelines. Breaking the rules may be dangerous or illegal. Further detailed information is given in this manual.

Exposure to radio frequency energy

Radio wave exposure and Specific Absorption Rate (SAR) information

This mobile phone model B2050 has been designed to comply with applicable safety requirement for exposure to radio waves. This requirement is based on scientific guidelines that include safety margins designed to assure this safety of all persons, regardless of age and health.

• The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate, or SAR. Tests for SAR are conducted using standardized method with the phone transmitting at its highest certified power level in all used frequency bands.

• While there may be differences between the SAR levels of various LG phone models, they are all designed to meet the relevant guidelines for exposure to radio waves.

• The SAR limit recommended by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), which is 2W/kg averaged over ten (10) gram of tissue.

• The highest SAR value for this model phone which tested by DASY4 for use at the ear is 1.10 W/kg (10g).

• SAR data information for residents in countries/regions that have adopted the SAR limit recommended by the Institute of Electrical and Electronics Engineers (IEEE), which is 1.6 W/kg averaged over one (1) gram of tissue (for example USA, Canada, Australia and Taiwan).

Product care and maintenance

Warning: Use only batteries, charger and accessories approved for use with this particular phone model. The use of any other types may invalidate any approval or warranty applying to the phone, and may be dangerous.

• Do not disassemble this unit. Take it to a qualified service technician when repair work is required.

• Keep away from electrical appliance such as a TV, radio or personal computer.

Guidelines for safe and efficient use

- The unit should be kept away from heat sources such as radiators or cookers.

- Do not drop.

- Do not subject this unit to mechanical vibration or shock.

- The coating of the phone may be damaged if covered with wrap or vinyl wrapper.

- Use dry cloth to clean the exterior of the unit. (Do not use solvent such as benzene, thinner or alcohol.)

- Do not subject this unit to excessive smoke or dust.

- Do not keep the phone next to credit cards or transport tickets; it can affect the information on the magnetic strips.

- Do not tap the screen with a sharp object; otherwise, it may damage the phone.

- Do not expose the phone to liquid or moisture.

- Use the accessories like an earphone cautiously. Do not touch the antenna unnecessarily.

Efficient phone operation

To enjoy optimum performance with minimum power consumption please:

- Hold the phone as you speak to any other telephone. While speaking directly into the microphone, angle the antenna in a direction up and over your shoulder. If the antenna is extendable/retractable, it should be extended during a call.

- If your mobile phone supports infrared, never direct the infrared ray at anyone's eyes.

Electronics devices

All wireless phones may get interference, which could affect performance.

- Do not use your mobile phone near medical equipment without requesting permission. Avoid placing the phone over the pacemaker, i.e. in your breast pocket.

- Some hearing aids might be disturbed by mobile phones.

- Minor interference may affect TVs, radios, PCs, etc.

Road safety

Check the laws and regulations on the use of mobile phones in the areas when you drive.

• Do not use a hand-held phone while driving.

• Give full attention to driving.

• Use an handsfree kit, if available.

• Pull off the road and park before making and answering a call if driving conditions so require.

• RF energy may affect some electonic system in your motor vehicle such as car stereo, safety equipment.

• When your vehicle is equipped with an air bag, do not obstruct with objects including either installed or portable wireless equipment. It can cause serious injury due to improper performance.

Blasting area

Do not use the phone where blasting is in progress. Observe restrictions, and follow any regulations or rules.

Potentially explosive atmospheres

• Do not use the phone at a refuelling point. Don't use near fuel or chemicals.

• Do not transport or store flammable gas, liquid, or explosives in the compartment of your vehicle, which contains your mobile phone and accessories.

In aircraft

Wireless devices can cause interference in aircraft.

• Turn off your mobile phone before boarding any aircraft.

• On the ground, follow airline instructions regarding use of mobile phones.

Children

Keep the phone in a safe place out of children's reach. It includes small parts which if detached may cause a choking hazard.

Guidelines for safe and efficient use

Emergency calls

Emergency call may not be available under all cellular networks. Therefore, you should never depend solely on the phone for emergency calls. Check with your local service provider.

Battery information and care

• You do not need to completely discharge the battery before recharging. Unlike other battery systems, there is no memory effect that could compromise the battery's performance.

• Use only LG batteries and chargers. LG chargers are designed to maximize the battery life.

• Do not disassemble or short-circuit the battery pack.

• Keep the metal contacts of the battery pack clean.

• Replace the battery when it no longer provides acceptable performance. The battery pack may be recharged hundreds of times until it needs replacing.

• Recharge the battery if it has not been used for a long time to maximize usability.

• Do not expose the battery charger to direct sunlight or use it in high humidity, such as the bathroom.

• Do not leave the battery in hot or cold places, this may deteriorate the battery performance.

• Dispose of used batteries in accordance with local legislation.

C o n t e n t s

Accessing the Menu

Front view

Earpiece

Headset jack

Favorites key

Profile Key

Soft Left key

Send key

Phone book list key

Star key

Display Screen

Message key

Soft Right key

End/Power key

Clear/Cancel key

Numeric keys

Hash key

Microphone

Rear view

Handstrap Hole

SIM Card Socket

Battery Terminals

Battery cover

Cable Connector / Battery Charging Connector /
Hands-Free Car kit Connector

Battery

Key Description

The following shows key components of the phone.

Keypad Description

Key	Description
⟨ ⟩	**Soft Left Key / Soft Right Key** Each of these keys performs the function indicated by the text on the display immediately above it.
(navigation key)	**Navigation Keys** Use to scroll through menus and move the cursor. You can also use these keys for quick access to the following functions. • Up navigation key ( ) : A shortcut key to the Favorites menu. • Down navigation key ( ) : A shortcut key to the Phonebook. • Left navigation key ( ): Profiles menu. • Right navigation key ( ) : (Short press) Accesses the Write text message menu. (Long press) Accesses the message inbox.

Key	Description
(Send key)	**Send Key** You can dial a phone number and answer a call. If you press this key without entering a number, your phone shows the most recently dialled, received and missed numbers.
(Numeric keys)	**Numeric Keys** These keys are used mainly to dial in standby mode and enter numbers or characters in editing mode. When you press these keys for a long time. • Used to call your voicemail box by . • Used to call for international call by . • Used to call Speed dials by from to .
(End/Pwr key)	**END/PWR Key** Used to end or reject a call. This key is also used as Power Key by pressing this key for a few seconds.

Key	Description
	You can delete the characters, go back to the menu. In addition, you can view voice memo list when you press this key shortly in standby mode. Long press of this key in standby mode starts voice memo recording.

Display Information

The table below describes various display indicators or icons that appear on the phone's display screen.

On-Screen Icons

Icon/Indicator	Description
▼.ıll	Indicates the strength of the network signal.
☎	Indicates a call is in progress.
G.ıll	Indicates that GPRS service is available.
®	Indicates that you are roaming on another network.
⏰	Indicates the alarm has been set and is on.
▥	Indicates the status of the battery charge.
✉	Indicates the receipt of a message.
☎☎	Indicates the receipt of a voice mail.
▨	You have received a push message.
▥	Indicates that Vibrate profile has been set.
♪	Indicates the General profile is activated.
♫	Indicates the Loud profile is activated.
♪♪	Indicates the Quiet profile is activated.

Icon/Indicator	Description
♁	Indicates the Headset profile is activated.
♘	Indicates the Car profile is activated.
↩	Indicates a call is diverted.

1. Inserting the SIM Card
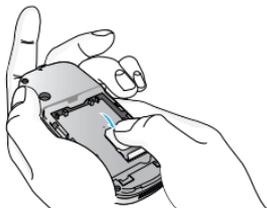
Locate the SIM card socket in the back of the phone. Follow the steps below to install the SIM card.

1. Remove the battery if attached.

2. Slide the SIM card into the slot, under the silvery holders, with the golden connectors facing down.

2. Removing the SIM Card

Follow the steps below to Remove the SIM card.

1. Remove the battery if attached.

2. Take out the SIM card from the slot.

Notice

- Removing the battery from the phone whilst it is switched on may cause it to malfunction.
- The metal contact of the SIM card can be easily damaged by scratches. Pay special attention to the SIM card when you handle and install. Follow the instructions supplied with the SIM card.

3. Installing the Battery

1. Position the lugs on the bottom of the battery into the retaining holder.
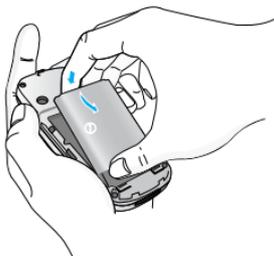
2. Then push down the half of the battery into position.

3. Lay the battery cover in place of the phone and slide it until the latch clicks.

4. Charging the Battery

To connect the travel adapter to the phone, you must have installed the battery.

1. With the arrow facing you as shown in the diagram push the plug on the battery adapter into the socket on the bottom of the phone until it clicks into place.

2. Connect the other end of the travel adapter to the mains socket. Only use the LG approved charger provided in the box.

Warning

• Do not force the connector as this may damage the phone and/or the travel adapter.

Note

• "Battery Charging" is displayed on the screen after connecting the travel adapter. Only if the battery is totally empty, Call indicator Light is on without displaying "Battery Charging".

5. Disconnecting the charger
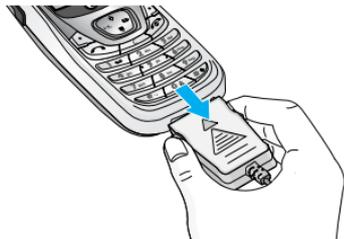
Disconnect the travel adapter from the phone by pressing its side buttons as shown in the diagram.

Note

• Ensure the battery is fully charged before using the phone.
• Do not remove your battery or the SIM card while charging.
• The moving bars of battery icon will stop after charging is complete.

Note

If the battery does not charge,
• switch the phone off.
• ensure the battery is correctly fit.

Turning your phone on and off

Turning your phone ON

1. Install a battery to the handset and connect the phone to an external power source such as the travel adapter, cigarette lighter adapter or hands-free car kit. Or install a charged battery pack to the handset.

2. Press ✍ for a few seconds until the LCD screen is turned on.

3. Depending on the status of the **PIN code request** setting you may need to enter your PIN code.

Turning your phone OFF

1. Press ✍ for a few seconds until the LCD screen is turned off.

You can use the access codes described in this section to avoid unauthorised use of your phone. The access codes (except PUK and PUK2 codes) can be changed by using the **Change codes** feature [Menu-4-4-6]. See page 52.

PIN code (4 to 8 digits)

The PIN (Personal Identification Number) code protects your SIM card against unauthorised use. The PIN code is usually supplied with the SIM card. When the **PIN code request** is set to **On**, your phone will request the PIN code every time the phone is switched on. When the **PIN code request** is set to **Off**, your phone connects to the network directly without the PIN code.

PIN2 code (4 to 8 digits)

The PIN2 code, supplied with some SIM cards, is required to access functions such as **Advice of Call** Charge and **Fixed Dial Number**. These functions are only available if supported by your SIM card.

PUK code (4 to 8 digits)

The PUK (PIN Unblocking Key) code is required to change a blocked PIN code. The PUK code may be supplied with the SIM card. If not, contact your network operator for the code. If you lose the code, also contact your network operator.

PUK2 code (4 to 8 digits)

The PUK2 code, supplied with some SIM cards, is required to change a blocked PIN2 code. If you lose the code, also contact your network operator.

Security code (4 to 8 digits)

The security code protects the unauthorised use of your phone. The default security code is set to '**0000**' and the security code is required to delete all phone entries and to activate the **Reset Settings** menu. Also, the security code is required to enable or disable the phone lock function to prevent unauthorised use of the phone. The security code default setting can be modified from the **Security Settings** menu.

Network password

The Network password is required when you use the **Call Barring** function. You obtain the password from your network operator when you subscribe to this function. See page 50 for further details.

Making and answering calls

Making a call

1. Make sure your phone is switched on.

2. Enter a phone number, including the area code.
When you entered a wrong number, press the clear
key (⌫) to erase one digit at a time.

Press and hold the clear key (⌫) to erase the
digits in succession.

3. Press the send key ( ) to call the number.

4. To end the call, press the end key ( ).

Making a call using the send key

1. In standby mode, press the send key ( ), and
the latest incoming, outgoing and
missed phone numbers will be displayed.

2. Select the desired number by using the up/down
navigation key.

3. Press .

Making an international call

1. Press and hold the key for the international
prefix. The '+' character automatically selects the
international access code.

2. Enter the country code, area code, and the phone
number.

3. Press .

Ending a call

When you have finished your call, press the end ( )
key.

Making a call from the phonebook

You can save the names and phone numbers dialled
regularly in the SIM card and/or phone memory, which
is called phonebook.

You can dial a number by simply looking up the desired
name in the phonebook. For further details on the
phonebook feature, please refer to page 55 through 58.

Answering a call

When you receive a call, the phone rings. If the caller
can be identified, the caller's phone number (or name
if saved in the phonebook) is displayed.

1. To answer an incoming call, press the send key.
Alternatively, please see page 48 for other answer
modes.

Note

• If **Press any key** has been set as the answer mode (see page 48), any key press will answer a call except for the ✆ or the right soft key.

▶ You can answer a call while using the **phonebook** or other menu features.

2. To end the call, press the ✆ key.

Switching quickly to Vibrate only mode

You can switch your phone quickly to the Vibrate only mode by pressing and holding down the left navigation key ( ). To go back to the previous profile, press and hold down the left navigation key ( ) again.

Signal strength

You can check the strength of your signal by the signal indicator (**T.ıll**) on the LCD screen of your phone. Signal strength can vary, particularly inside buildings. Moving near to a window may improve reception.

Entering text

You can enter alphanumeric characters by using the phone's keypad. For example, storing names in the **Phonebook**, writing a message, creating a personal

greeting or scheduling events in the calendar all require entering text.

The following text input methods are available in the phone.

T9 mode

This mode lets you enter words with only one keystroke per letter. Each key on the keypad has more than one letter. The T9 mode automatically compares your keystrokes with an internal dictionary to determine the correct word, thus requiring far fewer keystrokes than the traditional ABC mode. This is sometimes known as predictive text.

ABC mode

This mode lets you enter letters by pressing the key labelled with the required letter once, twice, three or four times until the letter is displayed.

123 mode (Number mode)

Type numbers using one keystroke per number. To change to 123 mode in a text entry field, press the ✆ key until 123 mode is displayed.

General functions

Changing the text input mode

1. When you are in a field that allows characters to be entered, you will notice the text input mode indicator in the upper right corner of the LCD screen.

- You can select the language of the T9 mode. Press the left soft key [Options], then select **T9 languages**. You can also go to **T9 languages** menu by holding down the ✉ key. Select the desired language of **T9 mode**. You can also turn off the T9 mode by selecting **T9 off**. The default setting on the phone is T9 enabled mode.

2. Change the text input mode by pressing ✉ . You can check the current text input mode in the upper right corner of the LCD screen.
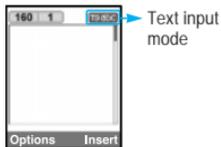
> Text input mode

▶ Using the T9 mode

The T9 predictive text input mode lets you enter words easily with a minimum number of key presses. As you press each key, the phone begins to display the characters that it thinks you are typing based on the built-in dictionary. You can also add new words in the dictionary. As new words are added, the word changes to reflect the most likely candidate from the dictionary.

1. When you are in the T9 predictive text input mode, start entering a word by pressing keys ✉ to ✉ . Press one key per letter.

- The word changes as letters are typed. Ignore what's on the screen until the word is typed completely.

- If the word is still incorrect after typing completely, press the up/down navigation key once or more to cycle through the other word options.

  Example: Press ✉ ✉ ✉ ✉ to type **Good**
  Press ✉ ✉ ✉ ✉ [Down navigation key] to type **Home**

- If the desired word is missing from the word choice list, add it using the ABC mode.

2. Enter the whole word before editing or deleting any keystrokes.

3. Complete each word with a space by pressing the key. To delete letters, press the ✉ key.

To delete letters, press the ✉ key. Press and hold down the ✉ key to erase entire words in succession.

Notice

- To exit from the text input mode without saving your input, press ✉ . The phone goes back to standby mode.

▶ **Using the ABC mode**

Use the ⌨ to ⌨ keys to enter your text.

1. Press the key labelled with the required letter:

- Once for the first letter

- Twice for the second letter

- And so on

2. To insert a space, press the ⌨ key once. To delete letters, press the ⌨ key. Press and hold down the ⌨ key to erase the entire words in succession.

Notice

• Refer to the table below for more information on the characters available using the alphanumeric keys.

Key	Characters in the order display	
	Upper case	**Lower case**
⌨	. , / ? ! - : ' " 1	. , / ? ! - : ' " 1
⌨	A B C 2 Ä À Á Â Ã Å Æ Ç	a b c 2 ä à á â ã å æ ç
⌨	D E F 3 Ë È É Ê	d e f 3 ë è é ê
⌨	G H I 4 Ï Ì Í Î Ğ	g h i 4 ï ì í î ğ
⌨	J K L 5	j k l 5
⌨	M N O 6 Ñ Ö Ø Ò Ó Ô Õ Œ	m n o 6 ñ ö ø ò ó ô õ œ
⌨	P Q R S 7 ß Ş	p q r s 7 ß ş
⌨	T U V 8 Ü Ù Ú Û	t u v 8 ü ù ú û
⌨	W X Y Z 9	w x y z 9
⌨	Space key, 0	Space key, 0

Using the 123(Number) mode

The 123 mode enables you to enter numbers in a text message (a telephone number, for example).
Press the keys corresponding to the required digits before manually switching back to the appropriate text entry mode.

Phonebook

You can save phone numbers and their corresponding names in the memory of your SIM card.

In addition, you can save up to 200 numbers and names in the phone memory.

The SIM card and phone are both used in the same way in the **Phonebook** menu.

(Refer to page 55 through 58 for details.)

In call menu

Your phone provides a number of control functions that you can use during a call. To access these functions during a call, press the left soft key [Options].

During a call

The menu displayed on the handset screen during a call is different to the default main menu displayed when in standby mode, and the options are described below.

Making a second call

You can get a number you wish to dial from the phonebook to make a second call. Press the right soft key then select **Search**. To save the dialled number into the phonebook during a call, press the right soft key then select **Add new**.

Switching between two calls

To switch between two calls, press the left soft key [Options], then select Swap or just press the 🕾 key. You can select one of two calls using up/down navigation keys. To end a call, highlight the phone number using up/down navigation keys then press the 🖉 key.

Answering an incoming call

To answer an incoming call when the handset is ringing, simply press the 🕾 key. The handset is also able to warn you of an incoming call while you are already on a call. A tone sounds in the earpiece, and the display will show that a second call is waiting. This feature, known as **Call waiting**, is only available if your network supports it. For details of how to activate and deactivate it see **Call waiting** on page 48.

If **Call waiting** is activated, you can put the first call on hold and answer the second, by pressing ✆ or by selecting left soft key, then **Hold & Answer**. You can end the current call and answer the waiting call by selecting left soft key and then **End & Answer**.

Rejecting an incoming call

You can reject an incoming call without answering by simply pressing the ✆ key.

During a call, you can reject an incoming call by pressing the left soft key [Menu] and selecting the Multiparty/Reject or by pressing the ✆ key.

Muting the microphone

You can mute the microphone during a call by pressing the left soft key [Options], then selecting **Mute**. When the handset is muted, the caller cannot hear you, but you can still hear them. The handset can be unmuted by pressing the [Unmute].

Switching DTMF tones on during a call

To turn DTMF tones on during a call, press the left soft key, and then select **DTMF on**. DTMF tones can be turned off the same way. DTMF tones allow your phone to make use of an automated switchboard.

Multiparty or conference calls

The multiparty or conference service provides you with the ability to have a simultaneous conversation with more than one caller, if your network operator supports this feature. A multiparty call can only be set up when you have one active call and one call on hold, both calls having been answered. Once a multiparty call is set up, calls can be added, disconnected or separated (that is, removed from the multiparty call but still connected to you) by the person who set up the multiparty call. These options are all available from the In-Call menu. The maximum callers in a multiparty call are five. Once started, you are in control of the multiparty call, and only you can add callers to the multiparty call.

Making a second call

You can make a second call while currently on a call. Enter the phone number and press the ✆ key. When the second call is connected, the first call is automatically placed on hold. You can swap between two calls by pressing the left soft key then selecting **Swap**.

Setting up a multiparty call

Place one call on hold and while the active call is on, press the leftsoft key and then select **Multiparty/Join** all.

Putting a multiparty call on hold

Press the left soft key, then select **Multiparty/Hold all**.

Activate the multiparty call on hold

Press the left soft key, then select **Multiparty/Join all**.

Adding calls to the multiparty call

To add a call to an existing multiparty call, press the left soft key, then select **Multiparty/Join all**.

Putting a member of a multiparty call on hold

To place one selected caller (whose number is currently displayed on the screen) of a multiparty call on hold, press the left soft key, then select **Multiparty/Exclude**.

Displaying callers in a multiparty call

Using up/down navigation keys, you can scroll through the phone numbers of the callers in a multiparty call.

Having a private call during a multiparty call

To have a private call with one caller from a multiparty call, display the number of the caller you wish to talk to on the screen, then press the left soft key. Select **Multiparty/Private** to put all the other callers on hold.

Ending a multiparty call

The currently displayed caller from a multiparty call can be disconnected by pressing the ✆ key. To end a multiparty call, press the left soft key, then select **Multiparty/End multiparty**. After pressing the left soft key, selecting **Multiparty/End all** will end all the active and on-hold calls.

Menu Tree

1 Messages

1 Write text message
2 Write multimedia message
3 Inbox
4 Outbox
5 Drafts
6 Listen to voice mail
7 Info message
8 Templates
9 Settings

2 Call register

1 Missed calls
2 Received calls
3 Dialled calls
4 Delete recent calls
5 Call charges
6 GPRS information

3 Profiles

General
Loud
Headset
Car
Vibrate only
Quiet

4 Settings

1 Date & Time
2 Phone settings
3 Call settings
4 Security settings
5 Network settings
6 GPRS setting
7 Reset settings

Menu Tree

5 Organiser
1 Alarm clock
2 Scheduler
3 Phonebook

6 Tools
1 Favorites
2 Calculator
3 My folder
4 Unit converter
5 World time
6 Voice recorder
7 Memory status

7 Internet
1 Home
2 Bookmarks
3 Profiles
4 Go to URL
5 Cache settings
6 Cookies settings
7 Security certification
8 Reset profiles
9 Browser version

8 Games

9 SIM Service
This menu depends on SIM and the network services.

Selecting functions and options

Your phone offers a range of functions that allow you to customise it. These functions are arranged in menus and sub-menus, accessed via the two soft keys marked ▢ and ▢ . Each menu and sub-menu lets you view and alter the settings of a particular function.

The roles of the soft keys vary according to the current context; the label on the bottom line of the screen just above each key indicates its current function.

(e.g.)
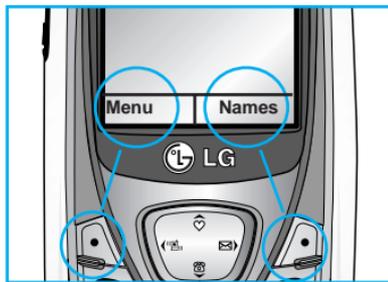
Press the left soft key to access the available menu.

Press the right soft key to activate the corresponding action.

Messages [Menu-1]

Press the menu key (⌨) and select **Messages** using navigation keys.

Write text message [Menu-1-1]

Your phone receives voice mail notification messages, and Short Message Service (SMS) messages. Voice mail and SMS are network services. Please contact your network operator for more information.

When the ⌕ icon appears, you have received voice mail. When the ✉ icon appears, you have received a new text message. If the message memory is full, a message is displayed, the ✉ icon flashes and you cannot receive any new messages. Use the **Delete** option in the **Inbox** menu to delete obsolete messages. Once there is space in the message memory, any undelivered SMS messages will be received (provided sufficient space is available).

1. Key in your message. For details on how to enter text, refer to pages 21 through 24 (Entering Text).

2. After you complete the message, to select the required option, press the left soft key [Options]. The following options are available.

▶ **Send:** Enter the phone number. Or select the number from the recent numbers or the Contacts after pressing the left soft key [Options]. You can send a message up to 6 phone numbers at a time. Before sending the message, you can set the following options by pressing the right soft key [Settings].

  1) **Validity period:** Set the length of time for which your text messages will be saved at the SMS center while attempts are made to deliver them to the recipient. Possible values are 1 hour, 12 hours, 1 day, 1 week and the maximum authorized by your network operator.

  2) **Delivery report:** Select whether activate or deactivate the report function. When this function is activated, the network informs you whether your message has been delivered or not.

  3) **Reply charging:** Allows the recipients of your text message to send you a reply via your message centre, if the service is provided by the network.

▶ **Save:** Saves the message so that it can be sent later.

▶ **Font:** Select the desired font size and style for the message using the left/right navigation keys.

▶ **Colour:** Select the desired foreground colour using the left/right navigation key. Then, press the down navigation key and select the background colour using the left/right navigation key.

▶ **Alignment:** Select where to align text.

▶ **Add T9 dictionary:** When you didn't find a desired word in the T9 text input mode, you can add a word using this option in the T9 dictionary. After typing a word, press the left soft key [Save].

▶ **T9 languages:** Select the language for T9 input mode. You can also deactivate T9 input mode by selecting **T9 off**. For further details on the T9 mode, refer to page 21 through 22.

▶ **Exit:** Exits from the **Write text message** menu.

3. You can also send attachments with the message by pressing the right soft key [Insert], while you're entering a message.

▶ **Symbol:** You can attach special characters.

▶ **Picture:** Sends and receives text messages that contain pictures, known as 'picture messages'. Several preset pictures are available in the phone

and they can be replaced with new ones received from other sources.

▶ **Sound:** If available, you can attach a sound to a short message.

▶ **Text templates:** You can select a text template already set in the phone.

▶ **Phonebook:** You can add phone numbers to the message.

▶ **Signature:** You can attach your name card.

Write multimedia messages [Menu-1-2]

A multimedia message can contain text, images, and/or sound clips. This feature can be used only if it is supported by your network operator or service provider. Only the devices that offer compatible multimedia message or e-mail features can receive and send multimedia messages.
You can create a multimedia message up to 10 slides. (approximately 100 KB)

1. After entering the subject of the message, press 🔍 key.

2. Key in the text message. Using the right soft key [Insert], you can insert a symbol, a picture, a sound, a voice memo, text templates, phone numbers stored in the phonebook or a signature.

3. Press the left soft key [Options]. The following options are available.

▶ **Send:** You can send the multimedia message up to 6 recipients at the same time.

   1) Key in the phone number. You can also search the phone number from the recent number list or the phonebook using the left soft key [Options].

   2) Press the right soft key [Settings]. You can set the following options:

   - **Priority:** Set the priority of the MMS.

   - **Validity period:** Set the duration for keeping the multimedia messages on the network server. Possible values are 1 hour, 12 hours, 1 day, 1 week and the maximum authorized by the network operator.

   - **Delivery report:** Select **Yes** to activate the report function. When this function is activated, the network informs you whether or not your message has been delivered.

   3) Press the left soft key [Send].

▶ **Preview:** Select this option to check out the multimedia message you've created. Each slide is sequentially played back automatically. You can also move to another slide from the currently played slide using the left/right navigation keys. To replay the message, press the left soft key [Replay].

▶ **Save:** Saves the message in drafts or as a template.

▶ **Add slide:** Add a slide before or after the current slide.

▶ **Move to slide:** Select this option to move to another slide from the current slide.

▶ **Delete slide:** Deletes the current slide.

▶ **Set slide format:** You can set the following slide format.

   - **Set timer**
   Enter the timer in each field using the numeric keypad.

▶ **Add T9 dictionary:** When you didn't find a desired word in the T9 text input mode, you can add a word in the T9 dictionary using this option. After typing a word, press the left soft key [Save].

▶ **T9 languages:** Select the T9 language for T9 input mode. You can also deactivate the T9 input mode by selecting T9 off. For further details on the T9 mode, refer to page 21 through 22.

▶ **Exit:** Exits from the Write multimedia message menu.

Inbox [Menu-1-3]

You will be alerted when you have received messages. And they will be stored in the Inbox.
Press the left soft key [Menu] and select **Messages → Inbox**. Or, you can take a shortcut by pressing the right navigation key ($\boxed{\jmath}$) in standby mode.
In the Inbox, you can identify each message by icons. For detail, see the icon description below.

Icon	Description
▨	Multimedia message
▨	Short message
▱	SIM message
▤	Read
▶	Notified multimedia message

Each received message has the following options available. Press the left soft key [Options].

▶ **View:** You can view the selected message.

▶ **Reply:** You can reply to the sender with a text message or a multimedia message.

▶ **Forward:** You can forward the selected message to other recipients.

▶ **Return call:** You can call back to the sender.

▶ **Delete:** Deletes the selected message from inbox.

▶ **Extract:** You can extract picture, sound, sender's number, URL, email address and so on from the message. They will be saved in My folder, Phonebook, or Bookmarks.

▶ **View information:** You can view the information of the message:
the sender's address, subject (only for multimedia message), the date and time when the message has arrived, message type and size, and the priority (only for multimedia message).

▶ **Replay:** You can replay the selected multimedia message. (Only for multimedia message)

▶ **Delete all:** Deletes all the messages in the inbox folder.

▶ **Receive:** When you receive a multimedia notification message, you need to select this option to download the multimedia message. (Only for multimedia notification message)

▶ **Cancel:** You can cancel downloading the multimedia message. (Only for multimedia notification message)

Outbox [Menu-1-4]

All the messages you have sent are stored in the Outbox folder. You can view the list and contents of messages. In the outbox message list, you can verify if the transmission was successful. If the transmission was failed, "(Failed)" is displayed before the recipient. You can also check whether you have received the delivery report through the following icons.

Icon	Description
📩	Sent
📩	Failed
📩	Delivery confirmed
✉	SMS sent

In each message, the following options are available by pressing the left soft key [Options].

✉ **The messages of which transmission was completed has the following options.**

▶ **View:** You can view the selected message.

▶ **Forward:** You can forward the selected message to other recipients.

▶ **Delete:** Deletes the selected message from outbox.

▶ **View information:** You can view the information of selected message: subject (only for multimedia message), the date and time when you sent it, message type and size, the priority (only for multimedia message), and recipients.

▶ **Delete all:** Deletes all the messages in the outbox folder.

✉ **The messages of which transmission is in progress has the following options.**

▶ **View:** You can view the selected message.

▶ **Send:** Select this to send it again.

▶ **Cancel:** Cancels transmitting of the message.

▶ **Delete:** Cancels transmitting the message and deletes the message.

▶ **View information:** You can view the information of selected message: subject (only for multimedia message), the date and time when you sent it, message type and size, the priority (only for multimedia message), and recipients.

▶ **Send all:** Sends all the messages of which transmission is in progress again.

▶ **Cancel all:** Cancels all the message transmission.

▶ **Delete all:** Cancels all the message transmission and deletes all of them.

Drafts [Menu-1-5]

You can view the messages saved as a draft. The draft messages are listed with the date and time when they were saved. Scroll through the list using up/down navigation keys.

Icon	Description
☒	Multimedia message
✉	Text message

Each draft has the following options. Press the left soft key [Options].

▶ **View:** You can view the selected message.

▶ **Edit:** You can edit the selected message.

▶ **Send:** Sends the message.

▶ **Delete:** Deletes the selected message from the drafts folder.

▶ **View information:** You can view the information of selected message: subject (only for multimedia message), the date and time when saved, message type and size and the priority (only for multimedia message).

▶ **Delete all:** Deletes all the messages from drafts folder.

Listen to voice mail [Menu-1-6]

This menu provides you with a quick way of accessing your voice mailbox (if provided by your network). Before using this feature, you must enter the voice centre number obtained from your network operator.

When new voice message is received, the ⫷⫸ symbol will be displayed on the screen. Please check with your network provider for details of their service in order to configure the handset correctly.

Info message (Network dependent) [Menu-1-7]

Info service messages are text messages sent by the network to mobile phone users. They provide general information such as weather reports or traffic conditions. Each type of information has the number; therefore, you can contact the service provider as long as you have input the certain number for the information. When you receive an info service message, a popup message will indicate a new message receipt or the info service message will be displayed directly. The following options are available when viewing info service messages.

Read [Menu-1-7-1]

1. Select **Read** to view the message, it will be displayed on the screen.

2. The message will be shown until another message is reached.

Topics (Network dependent) [Menu-1-7-2]

• **Add new**

You can add a new info service message number with its nickname in the phone or in the SIM (if the SIM is available).

• **View list**

You can view the list of all the info service message numbers. Press the left soft key [Options] to edit or delete the info message category.

• **Active list**

You can set whether you will receive each info service message or not using the left soft key [On/Off] in this list.

Templates [Menu-1-8]

There are pre-defined messages in the list. You can view and edit the template messages or create new messages. Two types of templates are available: Text and Multimedia.

Text templates [Menu-1-8-1]

• **Please call me back.**
• **I'm late. I will be there at...**
• **Where are you now?**
• **I am on the way.**
• **Top urgent. Please contact.**
• **I love you.**

The following options are available.

▶ **View:** You can view the selected template.

▶ **Edit:** Use this to write a new message or edit the selected template message from the text template list.

▶ **Write messages**

 - **Write text message:** Use this to send the selected template message by SMS.

 - **Write multimedia message:** Use this to send the selected template message by MMS.

▶ **Add new:** Use this to create new template.

▶ **Delete:** Deletes the selected template.

▶ **Delete all:** Deletes all the text templates.

Multimedia templates [Menu-1-8-2]

You can create a multimedia template after pressing the left soft key [Add new]. And the multimedia templates you saved as a template while creating a multimedia message in the **Write multimedia message** (See page 31).

▶ **View:** You can view the multimedia template.

▶ **Edit:** You can edit the multimedia template.

▶ **Add new:** Allows you to add a new multimedia template.

▶ **Write messages:** You can write a multimedia message with the multimedia template.

▶ **Delete:** Deletes the selected template message from the multimedia template list.

▶ **Delete all:** Clears the multimedia template list.

Signature [Menu-1-8-3]

This option helps you to make your own name card. Key in the name, mobile phone number, home number, office number, Fax number, and E-mail address. After creating the name card, you can access the following options using the left soft key [Options].

▶ **Edit:** You can edit the name card.

▶ **Write messages**

 - **Write text message:** Use this to send the name card by SMS.

 - **Write multimedia message:** Use this to send the name card by MMS.

▶ **Delete:** Deletes the name card.

Settings [Menu-1-9]

Text message [Menu-1-9-1]

This menu lets you set up default SMS information.

▶ **Message types:** Set the default message type (Text, Voice, Fax, Natl. paging, X.400, E-mail, ERMES). The network can convert the messages into the selected format.

▶ **Validity period:** Set the length of time for which your text messages will be saved at the SMS center while attempts are made to deliver them to the recipient. Possible values are 1 hour, 12 hours, 1 day, 1 week and the maximum authorised by your network operator.

▶ **Delivery report:** Select whether to activate or deactivate the report function. When this function is activated, the network informs you whether or not your message has been delivered.

▶ **Reply via same service centre:** Allows the recipient of your SMS message to send you a reply via your message centre, if the service is provided by the network.

▶ **SMS centre:** Saves or changes the number of your SMS centre when sending text messages. You must obtain this number from your service provider.

Multimedia message [Menu-1-9-2]

Via this menu, you can set up the default multimedia message information.
The following options are available.

▶ **Priority:** Set the priority for the multimedia messages you will send.

▶ **Validity period:** Set the length of time for which your multimedia messages will be saved in the network server while attempts are made to deliver them to the recipient. Possible values are 1 hour, 12 hours, 1 day, 1 week and the maximum authorised by your network operator.

▶ **Delivery report:** Select whether to activate or deactivate the report function. When this function is activated, the network informs you whether or not your message has been delivered.

▶ **Auto download**

On: If you select this, messages are downloaded automatically on receipt.

Off: Requires you to confirm you want to download the message.

Home network only: If you select this, messages are downloaded automatically on receipt in your home network area. And outside your home service area, it requires you to confirm you to download the message.

▶ **Network settings:** If you select the multimedia message server, you can set the URL for multimedia message server.

▶ **Permitted types:** Set the permitted type. Possible values are Personal, Advertisements and Information.

Voice mail centre [Menu-1-9-3]

You can check the voice mail centre address.

Info message [Menu-1-9-4]

Info service messages are text messages delivered by the network to GSM. They provide general information such as weather reports, traffic news, taxis, pharmacies, and stock prices. Each type of information has the number; therefore, you can contact service provider as long as you have input the certain number for the information. When you have received an info service message, you can see the popup message to show you that you have received a message or the info service message is directly displayed. The following options are available.

▶ **Receive:** If you select **YES**, your phone will receive Info service messages. Otherwise, it will not receive Info service messages any more.

▶ **Alert:** If you select **YES**, Your phone will beep when you have received Info service message numbers. Otherwise, it will not beep even though you have received info service messages.

▶ **Languages:** You can select the language you want by pressing [On/Off]. Then, the info service message will be shown in the language that you selected.

Push messages [Menu-1-9-5]

You can order push messages from WAP service providers. Push messages are notifications of, for example, news headlines and they can contain a text message or the address of a WAP service. For availability and subscription, contact your WAP service provider.

Note

• Service providers can update an existing push message with a new incoming push message. (Old one will be replaced with new one.)
• When push messages expire, they are deleted automatically.

In this menu, you can set the push message receive option.

▶ **Receive on:** If you select this, all push messages will be accepted irrespective of the origination.

▶ **Receive off:** Will not accept any push message.

Icon	Description
📭	Read Push Message
📭	Unread Push Message

After selecting a push message, the following menus are available.

• **Information:** Shows the information of the current push message.

• **Load:** Connects to a specific site using the information in the current push message.

• **Delete:** Deletes the current push message.

• **Delete All:** Deletes all the messages in inbox (including SMS, MMS, etc.).

You can check the record of missed, received, and dialled calls only if the network supports Calling Line Identification (CLI) within the service area.

The number and name (if available) are displayed together. You can also view call times and costs.

Press the menu key (⬚) and select **Call register** using navigation keys.

Missed calls [Menu-2-1]

This option lets you view unanswered calls. After pressing the left soft key [Options], you can also:

• View the date and time at which the call was made.

• Save the number in the phonebook. Enter a name for the number and save it in the phonebook.

• Send a message to this number.

• Delete the call from the list.

Note

• You can delete all the call records from the list using the **Delete recent calls** menu. (See page 42.)

Received calls [Menu-2-2]

This option lets you view incoming calls. After pressing the left soft key [Options], you can also:

• View the date and time at which the call was made.

• Save the number in the phonebook. Enter a name for the number and save it in the phonebook.

• Send a message to this number.

• Delete the call from the list.

Note

• You can delete all the call records from the list using the **Delete recent calls** menu. (See page 42.)

Dialled calls [Menu-2-3]

This option lets you view outgoing calls (called or attempted). Using the [Options] key, you can also:

• View the date and time at which the call was made.

• Save the number in the phonebook. Enter a name for the number and save it in the phonebook.

• Send a message to this number.

• Delete the call from the list.

Note

• You can delete all the call records from the list using the **Delete recent calls** menu. (See page 42.)

Delete recent calls [Menu-2-4]

Use this to delete the missed call list, received call list, or dialled call list. You can also delete all call lists at a time selecting **All calls**.

Call charges [Menu-2-5]

Call duration [Menu-2-5-1]

Use this to view the duration of your incoming and outgoing calls. You can check each call duration at the bottom of screen while scrolling using the up/down navigation keys. You can reset the call timer by selecting **Reset all**.

· **Last call:** Length of the last call.

· **All calls:** Total length of all calls made or received calls since the timer was last reset.

· **Received calls:** Length of the incoming calls.

· **Dialled calls:** Length of the outgoing calls.

· **Reset all:** Select this to reset all the call duration.

Note

· The actual time invoiced for calls by your service provider may vary, depending on network features, rounding-off for billing, etc.

Call costs [Menu-2-5-2]

This network service allows you to check the last call cost, the total call cost and the remaining call cost. The call cost is displayed on the bottom of the LCD screen. To reset the call cost, select **Reset all**. You are requested to enter the PIN2 code.

Note

· The actual cost invoiced for calls by your service provider may vary, depending on network features, rounding-off for billing, taxes, etc.

Settings [Menu-2-5-3]

· **Set tariff**

Set tariff: You can set the currency type and the unit price. Contact your service provider to obtain charging unit prices. To select the currency or unit in this menu, you need the PIN2 code. If you want to input @, £, $ symbol, clear all currency strings and then press ✆ key. If you want to change the symbol, press ✆ key again.

Note

• When all units have been used, no calls can be made except emergency calls. Depending on the SIM card, you need the PIN2 code to set a call cost limit.

• **Set credit**

This network service allows you to limit the cost of your calls to the selected charging units. You can make or receive a call up to the specified cost limit.

Read: You can check the remaining units.

Change: You can change your charging limit.

• **Auto display**

This network service allows you to see automatically the cost of your last call. If you select **On**, you can see the cost of the last call when the call is released.

GPRS information [Menu-2-6]

You can check the amount of data transferred over the network through the GPRS information option. In addition, you can also view how much time you are online. (GPRS stands for General Packet Radio Service.)

Call duration [Menu-2-6-1]

You can check the duration of the last call and all calls. You can also reset the call timers by selecting **Reset all**.

Data volumes [Menu-2-6-2]

You can check the sent data volume, received data volume, and all data volume. You can also reset the counter by selecting **Reset all**.

Profiles [Menu-3]

In Profiles, you can adjust and customise the phone tones for different events, environments. There are six preset profiles: **General**, **Loud**, **Headset**, **Car**, **Vibrate Only** and **Quiet**. Each profile can be personalised.

Press the menu key (🔍) and select **Profiles** using navigation keys.

Changing the profile [Menu-3-x-1]

1. A list of profiles is displayed.

2. In the **Profile** list, scroll to the profile you want to activate and press the left soft key [Select].

3. Then, select **Activate**.

Customising profiles - Personalise [Menu-3-x-2]

Scroll to the desired profile in the Profile list and select **Personalise**. The profile setting option opens. Set the option as required.

1. Call alert type: Set the alert type for incoming calls.

2. Ring tone: Select the desired ring tone from the list. Scroll through the list using up/down navigation keys. You can hear the desired tone prior to making a selection.

3. Ring volume: Set the volume of the ringing tone.

4. Message alert type: Select the alert type for receiving a message.

5. Message tone: Select the alert tone for receiving a message.

6. Keypad volume: Set the volume of keypad tone.

7. Keypad tone: Select the desired keypad tone.

8. Effect sound volume: Set the volume of effect sound.

9. Power on/off volume: Set the volume of the ringing tone when switching the phone on/off.

0. Auto answer: (only in **Headset** profile and **Car** profile) You can activate the automatic answer feature. Select when the phone answers automatically.

   Off: Deactivates the Auto answer feature.

   After 5 secs: After 5 seconds, the phone will answer automatically.

   After 10 secs: After 10 seconds, the phone will answer automatically.

Customising profiles - Rename [Menu-3-x-3]

You can rename a profile and give it any name you want. **Vibrate only**, **Headset** and **Car** profiles cannot be renamed.

1. To change the name of a profile, scroll to the profile in the profile list and select **Rename**.

2. Key in the desired name and press the left soft key [OK].

Press the menu key ( ) and select **Settings** using the navigation keys.

Date & Time [Menu-4-1]

This option lets you change the current time and date displayed.
The following options are available.

Set date [Menu-4-1-1]

Use this to enter the day, month and year. You can change the **date format** via the Date format menu option.

Date format [Menu-4-1-2]

DD/MM/YYYY (day/month/year)

MM/DD/YYYY (month/day/year)

YYYY/MM/DD (year/month/day)

Set time [Menu-4-1-3]

Use this to enter the current time. You can choose the time format via the **Time format** menu option.

Time format [Menu-4-1-4]

24-hour

12-hour

Phone settings [Menu-4-2]

Many features of your phone can be customised to suit your preferences. All of these features are accessed via the **Phone settings** menu.

Wallpaper [Menu-4-2-1]

Use this to set up the display on the LCD screen in standby mode.

Greeting note [Menu-4-2-2]

If you select **On**, you can edit the text which will be displayed in standby mode

Language [Menu-4-2-3]

You can select the display language. When the language option is set to **Automatic**, the language is automatically selected according to the language of the SIM card used. English will be set if the language on the SIM card is not supported by the phone.

Backlight [Menu-4-2-4]

Use this to select whether or not the phone uses the backlight. A small increase in standby/talk time can be achieved by turning the backlight off.

LCD contrast [Menu-4-2-5]

Adjust the LCD contrast with .

Information window [Menu-4-2-6]

You can preview the current state of the selected menu before opening the menu. The state is shown on the bottom of the screen.

Menu colour [Menu-4-2-7]

Your phone provides you with 4 menu colour themes. Set the menu colour by scrolling and pressing the left soft key [Select].

Call settings [Menu-4-3]

To change the settings for call diverting.

Call divert [Menu-4-3-1]

When this network service is activated, you can direct your incoming calls to another number, for example, to your voice mailbox number. For details, contact your network operator. Select one of the divert options, for example, select If busy to divert voice calls when your number is busy or when you reject incoming calls.

The following options are available.

- **All voice calls**

  Diverts all voice calls unconditionally.

- **If busy**

  Diverts voice calls when the phone is in use.

- **If no reply**

  Diverts voice calls which you do not answer.

- **If out of reach**

  Diverts voice calls when the phone is switched off or out of coverage.

- **All data calls**

  Diverts to a number with a PC connection unconditionally.

- **All fax calls**

  Diverts to a number with a fax connection unconditionally.

Each option has the following menu:

- **Activate**

  Activates the corresponding service.

  To voice mail centre: Forwards to message centre. This function does not apply to All data calls and All fax calls menus.

To other number: Input the number for call diverting.

To favourite number: After entering up to 5 frequently used phone numbers, you can divert calls to them.

- **Cancel**

  Cancels the selected call divert.

- **View status**

  You can check the status of the service.

• **Cancel all:** Cancels all call divert settings.

Answer mode [Menu-4-3-2]

Select the desired mode to answer a call.

• **Press any key**

  When the phone rings, you can answer a call by pressing any key except the 🔚 key and the right soft key (🖉).

• **Send only**

  You can answer a call only by pressing the send key.

Send my number [Menu-4-3-3]

This network service lets you decide whether your phone number is displayed (On) or hidden (Off) from the person you are calling. Select **Set by network** to reset the phone to the setting that you have agreed upon with your service provider.

Call waiting [Menu-4-3-4] (Network Service)

The network will notify you of a new incoming call while you have a call in progress. Select **Activate** to request the network to activate call waiting, **Cancel** to request the network to deactivate call waiting, or **View status**, to check if the function is active or not.

Minute minder [Menu-4-3-5]

When set to **On**, the phone will beep every minute during an outgoing call to keep you informed of the length of the call.

Auto redial [Menu-4-3-6]

Select **On**, and your phone will make a maximum of four attempts to connect the call after an unsuccessful call attempt.

Select line (SIM dependent) [Menu-4-3-7]

This menu is shown only if the SIM supports two subscriber numbers, that is, two phone lines. Select which phone line (between Line 1 and Line 2) you want to use for making calls and sending short messages. Calls on both lines can be answered irrespective of the selected line.

Note

You will not be able to make calls if you select Line 2 and have not subscribed to this network service.

Closed user group [Menu-4-3-8] (Network dependent)

Restricts usage of the phone with numbers that belong to certain user groups. When this function is used, every outgoing call is associated with a group index. If a group index is specified, it is used for all outgoing calls. If no group index is specified, the network will use the preferential index (a specific index that is stored in the network).

Default : Activates the default group agreed on with the network operator.

Set : Select this to activate the selected CUG Index.

Edit : You can edit the CUG name and CUG Index.

Delete : Delets the selected CUG.

Delete all : Delets all CUG.

Security settings [Menu-4-4]

Various passwords are used to protect certain features of your phone. Refer to page 19 for the various passwords.

PIN code request [Menu-4-4-1]

When the PIN code request feature is enabled, you must enter your PIN each time you switch the phone on. Consequently, any person who does not have your PIN cannot use your phone without your approval.

Note

• Before disabling the PIN code request feature, you must enter your PIN.

The following options are available:

• **On:** You must enter the PIN each time the phone is switched on.

• **Off:** The phone connects directly to the network when you switch it on.

Phone lock [Menu-4-4-2]

When the **Phone lock** feature is enabled, the phone is locked and you must enter the phone password each time the phone is switched on.

The password is factory set to **0000**. To change the phone password, refer to the **Change codes–Security code** menu option (Menu-4-4-6-3). Once the correct password has been entered, you can use the phone until you switch it off.

The following options are available:

• **On**

You are required to enter the phone password when you switch the phone on.

• **Off**

The phone connects directly to the network when you switch it on.

• **Automatic**

Your phone will request security code only when you change your SIM card.

Automatic key lock [Menu-4-4-3]

When you enable Automatic key lock, keypad will be locked automatically on an idle screen after 10 seconds without any key requesting.

Note

• If you want to lock your phone keypad manually, press 🔲 then 🖂 .

• To unlock your phone keypad, press 🔲 [unlock] key and then press 🖂 key. If you enable Automatic key lock, your phone keypad will lock again automatically after 10 seconds.

Call barring (Network dependent) [Menu-4-4-4]

Call barring lets you restrict the making and receiving of calls with your phone. For this function, you need the Network password, which you can obtain from your service provider.

The following options are available:

• **All outgoing**

No call can be made.

• **Outgoing international**

International calls cannot be made.

• **Outgoing international except home country**

When abroad, calls can be made only to numbers within the current country and to your home country, the country where your home network provider is

located.

• **All incoming**

No call can be received.

• **Incoming when abroad**

Calls cannot be received when you are using your phone outside your home service area.

• **Cancel all**

All call barring settings are deactivated; calls can be made and received normally.

• **Change password**

Use this to set and change the call barring password obtained from your service provider using this option. You must enter the current password before you can specify a new one. Once you have entered a new password, you are asked to confirm it by entering it again.

Note

• To use Call barring service, you must input the network password. When calls are barred, calls may be possible to certain emergency numbers on some networks.

Fixed dial number (FDN) [Menu-4-4-5] (SIM dependent)

Use this to restrict your outgoing calls to selected phone numbers, if this function is supported by your SIM card. The PIN2 code is required.

The following options are available:

• **Activate**

Use this to only call phone numbers saved in the phonebook. You must enter your PIN2 code.

• **Cancel**

Allows you to call any number.

• **Number list**

Use this to view the numbers saved as fixed dial numbers.

Note

• Not all SIM cards have a PIN2. If your SIM card does not, this menu option is not displayed.

Change codes [Menu-4-4-6]

The **Change codes** feature lets you change your current password to a new one. You must enter the current password before you can specify a new one.

Use this to change the access codes: **PIN code**, **PIN2 code**, **Security code**

Note
• PIN: Personal Identification Number

Network settings [Menu-4-5]

The Network settings feature enables you to indicate whether the network used when roaming (outside your home area) is selected Automatic, Manual or Preferred.

Note
• You can select a network other than your home network only if it has a valid roaming agreement with your home network.

Automatic [Menu-4-5-1]

Use this to set the phone to automatically search for and select one of the cellular networks available in your area. The phone will default back to **Automatic** if it is switched off.

Manual [Menu-4-5-2]

If you want to select the desired network manually from a list of network. If the connection to the manually selected network is lost, the phone will sound an error tone and ask you to select a network again. The selected network must have a roaming agreement with your home network, that is, the operator whose SIM card is in your phone. The phone will let you select another network if the phone fails to access the selected network. If you switch off the phone, the phone will be reset to **Automatic**.

Preferred [Menu-4-5-3]

You can set a list of preferred networks the handset should attempt to register with first, before attempting to register to any other networks. This list is created from the handset's predefined list of known networks.

GRPS setting [Menu-4-6]

GPRS(General Packet Radio Service) is a technology that allows mobile phones to be used for sending and receiving data over the mobile network. GPRS is a data bearer that enables wireless access to data network such as the Internet.

Before you can use GPRS technology

- You need to subscribe to the GPRS service. For availability and subscription to GPRS service, contact your network operator or service provider.
- You need to save the GPRS settings for the applications used over GPRS.

Power on [Menu-4-6-1]

If you select **Power on** and you are in a network that supports GPRS, the phone registers to the GPRS network and sending short messages will be done via GPRS. Also, starting an active packet data connection, for example, to send and receive e-mail, is quicker.

When needed [Menu-4-6-2]

If you select **When needed**, the phone will use a GPRS connection only if you start an application or action that needs it. The GPRS connection is closed after it is no longer required by any application.

Reset settings [Menu-4-7]

You can reset your phone to its default configuration. To do so, proceed, as follows.

1. Select the **Reset settings** menu option.

2. You are requested to enter the 4-digit security code.

Note

• The security code is preset to 0000. To change this, refer to page 52.

Press the menu key ( ) and select **Organiser**.

Alarm clock [Menu-5-1]

There are 5 alarm clocks available. Set the alarm to ring at a specific time.

After selecting an alarm clock using the left soft key [Select],

1. **Alarm on/off:** Select **On** using the left/right navigation key. To deactivate the alarm function, select **Off**.

2. **Alarm time:** Enter the alarm time using the numeric keys

3. **Repeat:** Select the desired one from Once, Mon~Fri, Mon~Sat, and Everyday using the left/right navigation key.

4. **Alarm melody:** Select the desired alarm melody using the left/right navigation key.

5. Press the left soft key [OK].

6. You can edit the alarm clock name. After keying in the name, press the left soft key [OK].

When the alarm time is reached, it sounds the alarm melody.

• To turn off the alarm, press the right soft key [Quit].

Scheduler [Menu-5-2]

When you enter this menu, a calendar appears. A square cursor is located on the current date. You can move the cursor to another date using navigation keys. On the calendar, you can use the following keys.

Each press of		
		skips back a year.
		skips forward a year.
		skips back a month.
		skips forward a month.

You can enter a schedule or memo in the scheduler by pressing the left soft key [Options].

▶ **Add new:** Select this to enter a new schedule or a memo. After a schedule note or memo is entered on a date, the date is shown in a different colour and " " (schedule), " " (memo) appears on the right bottom of the screen. This function reminds you of your schedule. And the phone will sound an alarm tone if you set the phone to do so.

▶ **View:** Shows the schedule note or memo for the chosen day. Press the left soft key [Options] to edit or delete the note you selected.

▶ **View all:** Shows all the notes that are entered in the phone. Use the up/down navigation keys to browse through the note lists.

▶ **Delete past:** Select this to delete the expired schedule notes that have already been notified. You are asked to confirm this action.

▶ **Delete all:** Select this to delete all the schedule notes and memos. You are asked to confirm this action.

Phonebook [Menu-5-3]

You can save phone numbers and their corresponding names in the memory of your SIM card. In addition, you can save up to 200 numbers and names in the phone memory.

Search [Menu-5-3-1] (Calling from phonebook)

1. Select Search. You are asked to enter a name.

2. Enter the start of the name that you wish to find and press left soft key [Search].

• You can access the phonebook directly by pressing the down navigation key (⬇) in standby mode.

Note

• You can also scroll through the phonebook from the beginning, by pressing the left soft key [List] directly.

3. After finding the desired contact, you can make a call to the number by pressing the key. Or press the left soft key ✎ [Option] to use the following options.

• **Edit:** You can edit the name and number.

• **Write messages**

  - **Write text message:** Use this to write a text message to the contact.

  - **Write multimedia message:** Use this to write a multimedia message to the contact.

• **Copy:** Use this to copy the contact entry from SIM to the phone memory or vice versa.

• **Main number:** Select which number will be the main number. The main number will be displayed first

• **Delete:** Deletes the contact.

Add new [Menu-5-3-2]

You can add a phonebook entry using this function.

There are 2 memories: Phone memory and SIM memory. To select the memory, go to **Set memory** [Menu-5-3-5-1]. The phone memory capacity is 200 entries. The SIM card memory capacity depends on the SIM card.

1. You can add new phonebook entries to the SIM memory or the phone memory. To select the memory, go to **Set memory** [Menu-5-3-5-1]. (Refer to page 57.)

• **Adding new entries into SIM memory**

   You can enter a name and number, and select the required group. (Depends on the SIM)

• **Adding new entries into the phone memory**

   You can enter a name, numbers, E-mail address and select the required group. And select which number will be the main number.

Caller groups [Menu-5-3-3]

You can list up to 20 contacts per group. There are 7 pre-defined groups, where you can create lists.

1. Select **Caller groups**. All group lists will be displayed: **Family**, **Friends**, **Colleague**, **VIP**, **Group 1**, **Group 2**, and **Others**.

2. Select the group name that you want to manage by pressing the left soft key [Option]. The following submenus will be displayed.

• **Member list**

   Displays the member list in the group.

• **Group ring tone**

   Use this to select the ring tone to be used when you receive a voice phone call from a person in the group.

• **Group icon**

   Use this to select the graphic icon to be displayed when you receive a call from a person in the group.

• **Add member**

   Add a member to the group. You can add up to 20 members per group.

• **Remove member**

   Removes the member from the group member list. The contact entry still remains in the phonebook.

• **Rename**

Assigns a new name to the group.

Speed dial [Menu-5-3-4]

You can assign any of the keys 2 to 9 with a name list entry. You can call directly by pressing this key for 2-3 seconds.

1. Open the **phonebook** first by pressing the right soft key [Names] in standby mode.

2. Scroll to Speed dial, then press [Select].

3. To add a number to Speed dial, select (Empty). Then, you can search the name through the phonebook.

4. You can change or delete a speed dial number, make a call or send a message by pressing the left soft key [Option].

Settings [Menu-5-3-5]

• **Set memory**

You can select the memory for the phonebook feature between the SIM and the phone. If you select Variable, when adding entry, the phone will ask where to save the number.

• **Search by**

You can set the phone to search by **name** or **number**, when you search the phonebook. If you select **Variable**, the phone will ask how to search when you search the phonebook.

• **View options**

You can set the phonebook display option.

- **Name only :** When you search the phonebook, the list displays only names.

- **With pictures :** When you search the phonebook, the list displays names and corresponding pictures.

- **Name & number:** When you search the phonebook, the list displays names and numbers.

Copy all [Menu-5-3-6]

You can copy/move entries from the SIM card memory to the phone memory and vice versa.

• **SIM to Phone :** Use this to copy the entry from the SIM Card to the Phone memory.

• **Phone to SIM :** Use this to copy the entry from the Phone memory to the SIM Card.

The following options are available.

- **Keep original :** When copying, the original dial numbers are kept.

- **Delete original :** When copying, the original dial numbers will be erased.

Delete all [Menu-5-3-7]

You can delete all entries in the SIM and/or phone. This function requires the security code.

▶ Press 🔄 to return to standby mode.

Information [Menu-5-3-8]

• **Service dial number (SIM dependent):**

Use this to view the list of Service Dialling Numbers (SDN) assigned by your network operator (if supported by the SIM card). Such numbers include the emergency, directory enquiries and voice mail numbers.

1. Select the **Service dial number** option.

2. The names of the available services will be shown.

3. Use the up/down navigation keys to select a service. Press 🔄 .

- **Memory status:** You can check the current memory status of the SIM card or the phone memory.

- **Own number (SIM dependent):** Use this to display your phone number in the SIM card.

Press the menu key (![key icon]) and select **Tools** using the navigation keys.

Favourites [Menu-6-1]

In this menu, you can construct your own menu with the menus you use frequently for easy access.

1. After selecting the desired location from menu number 1 to 9, press the left soft key [Add].

2. Select the menu you wish to add, then press the left soft key [Add]. The menu is added in the Favourites menu, with the pop-up message, "Added as a favourite menu".

After making up the Favourites menu, in each favourite menu, the following options are available by pressing the left soft key [Options].

- **Select** : Selects the menu.

- **Change** : You can change the favourite menu with another menu.

- **Delete** : Deletes the selected favourite menu.

- **Delete all** : Deletes all the favourite menus.

- **Information :** Displays the route to the favourite menu.

Calculator [Menu-6-2]

Using this feature, you can use the phone as a calculator. The calculator provides the basic arithmetic functions: addition, subtraction, multiplication and division. (You can enter numbers up to the second decimal place).

Using the Calculator

1. Enter the first number using the numeric keys.

2. Press the corresponding navigation key to select a mathematical function.

Note

- To erase any mistakes or clear the display, press the ![key] key. To include a decimal point, press the ![key] key. To include a minus sign, press the ![key] key.

3. To calculate the result, press the left soft key [Result].

4. After calculation, press the left soft key [Reset] to return to the menu.

My folder [Menu-6-3]

The downloaded contents through WAP, MMS or EMS are stored in each folder. You can view, delete or control the downloaded contents.

Picture [Menu-6-3-1]

Select a picture from the list by pressing the left soft key [View]. Then, you can set it as the wallpaper or send it via multimedia message by pressing the left soft key [Options].

Sound [Menu-6-3-2]

You can select a sound from the list. After selecting the desired sound, you can set it as the ring tone, send the sound via SMS or MMS, using the left soft key [Options].

Unit converter [Menu-6-4]

This converts any measurement from one unit to another. There are 4 types that can be converted into units: Length, Area, Weight and Volume.

1. Select one of four unit types by pressing the left soft key [Unit].

2. Move to the current unit section by pressing the down navigation key.

3. Select the unit you want to convert using the left/right navigation keys.

4. Move to the Convert unit section by pressing the down navigation key.

5. Select the unit you want to convert to, using the left/right navigation keys.

6. numbers using the numeric keys. Conversion is calculated automatically.

Note

• You can input a decimal number by pressing the ✐ key.

World time [Menu-6-5]

You can check the current time of Greenwich Mean Time (GMT) and 65 major cities around the world, using the left/right navigation keys.

The screen shows the city name, current date and time.

To select the time zone in which you are located, proceed as follows:

1. Select the city corresponding to your time zone by pressing the left/right navigation keys. The local date and time are displayed.

2. If you want to change the time display in standby mode to the selected time, press the left soft key [Set].

Note

• The time zone setting of each city in World time menu may be affected by network condition.

Voice recorder [Menu-6-6]

You can record a memo. You can record up to 10 voice memos up to a maximum of 20 seconds each. You can play or delete the recorded memo or record new voice memo using the left soft key [Options] key.

Record [Menu-6-6-1]

1. Once recording is started, the message 'Recording...' and the remaining time is displayed.

2. When you finish recording, press left soft key [Save].

Note

• In standby mode, you can start recording by pressing and holding the ⊂⊃ key.
• If all memo locations are full, you must delete an old memo before recording a new one.

View list [Menu-6-6-2]

The phone shows the voice memo title which you have recorded. You can play back or delete the recorded voice memo.

• **Playback:** Plays back the voice memo.

• **Write multimedia message:** You can write multimedia messages using the voice memo.

• **Delete:** Deletes the voice memo.

• **Delete all:** Allows you to delete all the memos. Press the left soft key [Yes] to confirm.

Note

• In standby mode, you can access this menu by pressing the ⊂⊃ key.

Memory status [Menu-6-7]

You can check the current memory status of each repository: Free memory, Text message, Multimedia message, Inbox, Outbox, Drafts, Multimedia templates, Messages in SIM, Push message, Voice memo, Picture, Sound. And you can go to each repository to manage it.

You can access various WAP (Wireless Application Protocol) services such as banking, news, weather reports and flight information. These services are specially designed for mobile phones and they are maintained by WAP service providers. Check the availability of WAP services, pricing and tariffs with your network operator and/or the service provider whose service you wish to use. Service providers will also give you instructions on how to use their services.

Once connected, the homepage is displayed. The content depends on the service provider. To exit the browser at any time, press the ( ) key. The phone will return to the standby mode.

Navigating with the WAP browser

You can surf the Internet using either the phone keys or the WAP browser menu.

Using the phone keys

When surfing the Internet, the phone keys function differently to phone mode.

Key	Description
	Scrolls each line of the content area
	Returns to the previous page
	Selects options and confirms actions

Using the WAP browser menu

There are various menu options available when surfing the Mobile Web.

Note

- The WAP browser menus may vary, depending on your browser version.

Home [Menu-7-1]

Connects to a homepage. The homepage will be the site which is defined in the activated profile. It will be defined by the service provider if you have not defined it in the activated profile.

Bookmarks [Menu-7-2]

This menu allows you to store the URL of favourite web pages for easy access at a later time. Your phone has several pre-installed T-Mobile bookmarks. These pre-installed bookmarks cannot be deleted.

To create a bookmark

1. Press the left soft key [Options].

2. Select **Add new**.

3. After entering the desired URL and title, press the
    🔍 .

✵ **Tip:** Use the key 🔑 and 🔑 key to enter
    symbols. To enter ".", press 🔑 .

After selecting a desired bookmark, the following
options are available.

• **Connect**   : Connects to the selected bookmark.

• **Add new**   : Select this to create a new bookmark.

• **Edit**   : You can edit the URL and/or the title of the
                 selected bookmark.

• **Delete**   : Deletes the selected bookmark.

• **Delete all:** Deletes all the bookmarks.

Profiles [Menu-7-3]

A profile is the network information used to connect to
the Internet. T-mobile supports three kinds of profile.

1. T-Mobile Internet

If you want to connect the server via WAP 2.0,
activate this profile.

2. T-Mobile GPRS

If you want to connect the WAP server over GPRS,
activate this profile.

3. T-Mobile WAP

If you want to connect the WAP server over CSD,
activate this profile. For more information, consult T-
mobile.

Each profile has submenus as follows:

• **Activate**

Activates the selected profile.

• **Settings**

Use this to edit and change WAP settings for the
selected profile.

- **Homepage**

This setting allows you to enter the address (URL)
of a site you want to use as homepage. You do not
need to type http:// at the front of each URL as the
WAP Browser will automatically add it.

- **Bearer**

You can set the bearer data service.

• **Data**

• **GPRS**

- **Data settings**

Appears only if you select Data Settings as a Bearer / service.

IP address : Enter the IP address of the WAP gateway you want.

Dial number : Enter the telephone number to dial to access your WAP gateway.

User ID : The users identity for your dial-up server (and NOT the WAP gateway).

Password : The password required by your dial-up server (and NOT the WAP gateway) to identify you.

Call type : Select the type of data call : Analogue of Digital (ISDN)

Call speed : The speed of your data connection ; 9600 or 14400

Linger time : You need to enter timeout period. After entering that, the WAP navigation service will be unavailable if any data is not input or transferred.

- **GPRS settings**

The service settings are only available when GPRS is chosen as a bearer service.

IP address : Input the IP address of the WAP gateway you access.

APN : Input the APN of the GPRS.

User ID : The users identify for your APN server.

Password : The password required by your APN server.

- **Connection type**

The options for connection type are Temporary or Continuous and depend on the gateway you are using.

Continuous

A confirmed delivery mechanism but generates more network traffic.

Temporary

A non-confirmed (connectionless) service.

HTTP

Connecting Clients to Server directly in HTTP

- **Proxy settings**

  IP address : Input the IP address of the Proxy server you access.

  Port : Input the Proxy Port

- **DNS settings**

  Insert the primary and secondary DNS if required by the network operator.

  Primary server

  Input the IP address of the primary DNS server you access.

  Secondary server

  Input the IP address of the secondary DNS server you access.

- **Secure settings**

  According to the used gateway port, you can choose this option as On or Off.

- **Display image**

  You can select whether images on WAP cards are displayed or not.

• **Rename**

  You can change the profile name.

• **Delete**

  Deletes the selected profile from the list.

• **Add new**

  You can add a new profile.

Go to URL [Menu-7-4]

You can connect directly to the site you want. After entering a specific URL, press the 🔍 .

Cache settings [Menu-7-5]

The information or services you have accessed are saved in the cache memory of the phone.

Clear cache [Menu-7-5-1]

Removes all context saved in cache.

Check cache [Menu-7-5-2]

Set a value whether a connection attempt is made through cache or not.

Note

· A cache is a buffer memory, which is used to save data temporarily.

Cookies settings [Menu-7-6]

The information or services you have accessed are saved in the cache memory of the phone.

Clear cookies [Menu-7-6-1]

Removes all context saved in cookie.

Check cookies [Menu-7-6-2]

Check whether a cookie is used or not.

Security certification [Menu-7-7]

A list of the available certification is shown.

· **Authority**

You can see the list of authority certificates that have been stored in your phone.

· **Personal**

You can see the list of personal certificates that have been stored in your phone.

Reset profiles [Menu-7-8]

You can reset profiles to return to original settings.

Browser version [Menu-7-9]

The WAP browser version is displayed.

You can enjoy a game on the phone. For further details,
use the onscreen instruction or help menu.

Accessories

There are a variety of accessories available for your mobile phone. You can select these according to your personal communication requirements. Consult your local dealer for availability.

Battery pack

Headset

Allows hands-free operation. Includes earpiece and microphone.

Travel Adapter

This charger allows you to charge the battery while away from home or your office.

Note

- Always use genuine LG accessories. Failure to do this may invalidate your warranty.
- Accessories may be different in different regions; please check with our regional service company or agent for further enquiries.

Technical Data

General

Product name : B2050

System : GSM 900 / DCS 1800 / PCS 1900

Ambient Temperatures

Max : +55°C

Min : -10°C

Storage

SMS/MMS(#) : Yes SMS (200) MMS (100)

Battery

Standby : approx. 200 hours

Talktime : approx. 200 minutes

Declaration of Conformity ⓛ LG Electronics

Suppliers Details

Name

LG Electronics Inc

Address

LG Electronics Inc. LG Kang-nam Tower
679, Yoksam-dong, Kangnam-gu, Seoul, Korea

Product Details

Product Name

E-GSM 900 / DCS 1800 / PCS 1900 Tri Band Terminal Equipment

Model Name

B2050

Trade Name

LG

CE 0168

Applicable Standards Details

R&TTE Directive 1999/5/EC

EN 301 489-1&7 : 2002
EN 60950 : 2000
EN 50360 : 2001
3GPP TS 51.010-1,
Selection according to GCF-CC 3.12.0 including requirements of EN 301 511, v9.0.2

Supplementary Information

The conformity to above standards is verified by 7Layers and Phoenix with Certificate No.(NC/12391)
and GSM test report (no.WG613517), EMC test report(no. HCT-C04-1212-1),
safety test report(no. ITYA0167054M4) and SAR test report(no. TCMA 0866684-01)

Declaration

I hereby declare under our sole responsibility
that the product mentioned above to which this
declaration relates complies with the above mentioned
standards and Directives

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Name   Issued Date
Jin Seog, Kim / Director   25.Mar.2005

Signature of representative